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2 [Link analysis ranking: algorithms, theory, and experiments](#)

Allan Borodin, Gareth O. Roberts, Jeffrey S. Rosenthal, Panayiotis Tsaparas

February Transactions on Internet Technology (TOIT), Volume 5 Issue 1 2005

 Publisher: ACM

 Full text available: (1.72 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

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The explosive growth and the widespread accessibility of the Web has led to a surge of research activity in the area of information retrieval on the World Wide Web. The seminal papers of Kleinberg [1998, 1999] and Brin and Page [1998] introduced *Link ...*

Keywords: Bayesian, HITS, Web search, link analysis, ranking

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July 2008 Communications of the ACM

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ADVANCED SEARCH

FEEDBACK

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4 External memory algorithms and data structures: dealing with massive data



Jeffrey Scott Vitter

June **Computing Surveys (CSUR)** , Volume 33 Issue 2

2001

Publisher: ACM [Request Permissions](#)

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Data sets in large applications are often too massive to fit completely inside the computers internal memory. The resulting input/output communication (or I/O) between fast internal memory and slower external memory (such as disks) can be a major performance ...

Keywords: B-tree, I/O, batched, block, disk, dynamic, extendible hashing, external memory, hierarchical memory, multidimensional access methods, multilevel memory, online, out-of-core, secondary storage, sorting

5 Dynamic planar map illustration



Paul Asente, Mike Schuster, Teri Pettit

August 2007 **SI GGRAPH '07: SI GGRAPH 2007 papers**

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There are many types of illustrations that are easier to create in planar-map-based illustration systems than in the more common stacking-based systems. One weakness shared by all existing planar-map-based systems is that the editability of the drawing ...

Keywords: dynamic, gap detection, graphics editor, planar map, recoloring, vector illustration

Also published in:

July 2007 **Transactions on Graphics (TOG)** Volume 26 Issue 3

6 Design and implementation trade-offs for wide-area resource discovery



Jeannie Albrecht, David Oppenheimer, Amin Vahdat, David A. Patterson

September 2008 **Transactions on Internet Technology (TOIT)** , Volume 8 Issue 4

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (2.53 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

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We describe the design and implementation of SWORD, a scalable resource discovery service for wide-area distributed systems. In contrast to previous systems, SWORD allows users to describe desired resources as a topology of interconnected groups with ...

Keywords: PlanetLab, Resource discovery

7 [ACM SIGSOFT Software Engineering Notes: Volume 29 Issue 5](#)



September

SIGSOFT Software Engineering Notes

2004

Publisher: ACM

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Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

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